

metal of Group VIII, for example cobalt nitrate. It is then dried and calcined in an oxidizing atmosphere ranging from 200 to 600° C. Alternatively a single aqueous solution containing both compounds of the metals of Groups VIB and VIII can be used for contemporaneously introducing these metals. --

Please delete the paragraph of page 13, lines 4-20 in favor of the following new paragraph.

-- The gel thus obtained is bound with pseudoboehmite, the latter in a quantity of 39 % by weight with respect to the total weight of the calcined silica and alumina gel plus the ligand, extruded into cylindrical pellets and ground (40-70 mesh,  $A_{\text{sup}} = 660 \text{ m}^2/\text{g}$ ). 10 g of the material thus obtained are then impregnated with 25 ml of aqueous solution containing 10.3 g of  $(\text{NH}_4)_6\text{Mo}_7\text{O}_{24} \cdot 4\text{H}_2\text{O}$  (Ammonium heptamolybdate, hereafter called EMA) and left to rest at room temperature for 20 hours. The mixture is then dried in an oven in air at 110° C for 2 hours. The dried product is subsequently impregnated with 12 ml of aqueous solution containing 1.17 g of  $\text{Co}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$  (Cobalt nitrate, hereafter called CoN), the whole mixture being left to rest at room temperature for 20 hours. It is then dried in an oven in air at 110° C for 1.5 hours and calcined at 500° C for 4 hours, in air (rising rate: 180° C/hour). The chemical analysis of catalyst A relating to the metal content is indicated in Table 1. --

#### **IN THE CLAIMS**

Please amend Claim 1, 17 and 18 as follows:

--1. (Amended) A process of hydrosulfurizing a hydrocarbon mixture, which comprises: